

FY 03-04: Suggested LISA Support

**Science Team Support** (Approximate Total \$57 k)

**Completion of Revised Technical Brochure, Printing of 5000 copies**

Incorporate additional revisions, identify of develop any new graphics, clear for public release, review proofs.

Approximate cost: \$12 k

**Completion of New Conference Backdrop, Purchase of Two New Backdrops and One New Frame System**

Incorporate additional revisions, identify of develop any new graphics, Incorporate additional revisions, identify of develop any new graphics, develop necessary procurements, review proofs, ship second system to LISA at Goddard

Approximate cost: \$19 k

**Support of LISA Display at January and June AAS meetings**

Coordinate with Beyond Einstein and Con-X folks for co-located booths, complete exhibitor forms, develop procurements for both exhibitor fees and for shipping of booth and handouts. Coordinate staffing of booth. Handle return of booth and remaining supplies. Evaluate backdrop and handouts performance.

Approximate cost: \$16 k

**Support of One Additional Conference this FY**

(Conference TBD by BE folks – last year there were actually 2 additional conferences. (AAAS and one HEAD.) Coordinate with Beyond Einstein and Con-X folks for co-located booths, complete exhibitor forms, develop procurements for both exhibitor fees and for shipping of booth and handouts. Coordinate staffing of booth. Handle return of booth and remaining supplies. Evaluate backdrop and handouts performance.

Approximate cost: \$8 k

## **EPO Support** *(Approximate Total \$151 k)*

### **Completion of Karsten Danzman Segment of Space Place Live!**

Complete computer programming and de-bugging, and mount programmed version on the Space Place web site with link to LISA page. (Note that this issue is already being shown on NASA TV.)

Approximate cost: \$3 k

### **Completion of Kip Thorne Video Clip for LISA Web Page**

Complete editing of original (science team) interview into a three minute clip. Place on LISA web site.

Approximate cost: \$3 k

### **Develop Karsten Danzman Video Clip for LISA Web Page**

Review and edit original (science team) interview into a three minute clip. Place on LISA web site.

Approximate cost: \$4 k

### **Develop One Additional (TBD) Video Clip for LISA Web Page**

Review and edit original (science team) interview into a three minute clip. Place on LISA web site.

Approximate cost: \$4 k

### **Re-Design and Convert LISA Web Site to NASA-Mandated Format**

Develop a re-design of the current LISA web page that complies with the NASA-mandated/First Gov requirements. Port all of the existing page to the new design. Do any minor updates at that time.

Approximate cost: \$30 k

### **Second FY 04-05 LISA Web Page Update**

Additional update of web page later in the FY. Date TBD.

Approximate cost: \$ 15 k

## **LISA and Amateur Astronomy Societies**

Develop and distribute one new astro club newsletter column (on gravitational waves). Adapt this article to be a NASA Portal story as well. Develop two LISA Quick Fact blurbs for distribution to the clubs. Support the clubs' public events with LISA posters, stickers, and web cards. (There are approximately 190 clubs.)

Approximate cost: \$22 k

## **Black Holes Poster/Board Game:**

Joint activity with Chandra and several other missions studying black holes. Development of a board game activity that illustrates several black hole concepts for elementary school age kids. Design of the game board/poster. Inclusion of (mostly existing) educational material on the back. Review by all participating projects, and by SEU Forum. Printing of 10,000 for LISA. Distribution of the poster to educators and advocates.

Approximate cost (LISA share only): \$22 k

## **SSU Educator Ambassadors**

LISA has funded two Educator Ambassadors under the Sonoma State University program. These two master teachers will receive comprehensive training on the LISA science and technology goals, and will present a minimum of four workshops at regional and national educator conferences each year. We will coordinate with SSU and with the teachers to ensure maximum impact of this resource

Approximate cost: \$20 k

## **Coordination with BE Planning, Progress Reporting, NASA-Mandated EPO Reporting, Coordination with SEU Forum, JPL Universe Forum, and Our European Counterparts**

Participate in BE planning meetings; prepare quarterly reports to support all project/program reviews; report LISA EPO products and efforts into the NASA EDCATS system; report appropriate products into the Office of Space Science Educator's Resource Directory. Participate in SEU Forum meetings, JPL Universe meetings, and make every effort to coordinate with the ESA LISA point of contact.

Approximate cost: \$28 k